

U.S. DEPARTMENT OF LABOR  
WORKPLACE STANDARDS ADMINISTRATION  
BUREAU OF LABOR STANDARDS  
MATERIAL SAFETY DATA SHEET

MDC CONTROL NO. \_\_\_\_\_

## SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME DeSoto, Inc.		EMERGENCY TELEPHONE NO.
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) Fourth & Cedar Streets, Berkeley, California 94710		
CHEMICAL NAME AND SYNONYMS Epoxy		TRADE NAME AND SYNONYMS Epoxy Polyamide Primer Base
CHEMICAL FAMILY Epoxy	FORMULA 513-703	

## SECTION II: HAZARDOUS INGREDIENTS\*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS See below	37		BASE METAL		
CATALYST			ALLOYS		
VEHICLE Epoxy	23		METALLIC COATINGS		
SOLVENTS See below	39		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
Pigments include: Strontium Chromate, Magnesium Silicate, Silica, Titanium Dioxide					
Solvents include: Butyl Acetate, Methyl Ethyl Ketone, Ethyl Acetate					

## SECTION III: PHYSICAL DATA

BOILING POINT (°F)	176	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	1.30
VAPOR PRESSURE (mm Hg.) Approx.	100	PERCENT VOLATILE BY VOLUME (%)	60.5
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE Butyl Acetate = 1)	5.72
SOLUBILITY IN WATER Insoluble			
APPEARANCE AND ODOR Ketone odor, Yellow viscous liquid			

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) 22°F TOC	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA CO <sub>2</sub> , Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES			

UNUSUAL FIRE AND EXPLOSION HAZARDS  
Flamable liquid\*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.  
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

## SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

100 PRM Recommended

EFFECTS OF OVEREXPOSURE

Irritation of eyes, respiratory tract, can cause dermatitis

EMERGENCY AND FIRST AID PROCEDURES

Wash with soap and water. Irrigate eyes with water,

See a physician for eyes. Provide adequate ventilation.

## SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove damaged containers, clear with Ketone solvents.

WASTE DISPOSAL METHOD

## SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

VENTILATION	Adequate ventilation. Air mask.	
	LOCAL EXHAUST	SPECIAL
	Adequate ventilation	
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES	Yes	EYE PROTECTION	Yes
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OTHER PROTECTIVE EQUIPMENT Protective clothing

## SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store near heat or flame. Temperature should not exceed 100°F.

OTHER PRECAUTIONS

Requires ICC R&amp;D ICC Label

PREPARED BY

DATE